UNITED STATES HAMMOND DRAW NW QUADRANGLE OPEN FILE REPORT 78-645 DEPARTMENT OF THE INTERIOR MONTANA-ROSEBUD CO. PLATE 8 OF 10 GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 4776 III SW (MITCHELL COULEE) 106°22′30″ 46°00′ 27'30" This report has not been edited for conformity with U.S. Geological Survey editorial standards or 19 20 22 24 21 22 23 stratigraphic nomenclature. EXPLANATION 29 OVERBURDEN ISOPACH-Showing thickness of 27 25 28 26 overburden, in feet, from the surface to the top of the 27 30 coal bed. Isopach interval 100 feet (30.5 m). BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach, and/or an insufficient data line. Arrows point toward area of coal 5 feet or more thick. \_\_\_\_\_\_ \\_\_\_\_ 10\_\_\_\_ \\_\_\_ \\_\_\_ \\_\_\_ MINING-RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit. 32 34 34 31 33 36 35 To convert feet to meters, multiply feet by 0.3048. To convert yds<sup>3</sup>/ton to m<sup>3</sup>/metric ton, multiply by 0.842. T. 3 N. T. 3 N. T. 2 N. T. 2 N. 57′30′ 57'30" 17 21 20 NOTE: Where no mining-ratio contour is shown inside the outliers of Reserve Base coal, the mining ratio value is 106°22′30″ SCALE 1:24 000 Compiled in 1977 Base map from U.S. Geological Survey, 1971 MONTANA UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

COAL RESOURCE OCCURRENCE MAP OF THE HAMMOND DRAW NW QUADRANGLE, ROSEBUD COUNTY, MONTANA

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1978 PLATE 8

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE BURLEY COAL BED